

## Author Index

- Akiyama, M., see Kuo, C.-H., 1
- Augood, S.J., Emson, P.C., Mitchell, I.J., Boyce, S., Clarke, C.E. and Crossman, A.R., Cellular localisation of enkephalin gene expression in MPTP-treated cynomolgus monkeys, 85
- Autelitano, D.J., see Fremeau, Jr., R.T., 197
- Banner, C., see Thomas, J.W., 47
- Barden, N., see Pepin, M.-C., 77
- Baruchin, A., see Weisberg, E.P., 159
- Beaulieu, S., see Pepin, M.-C., 77
- Bick, D., see Schwanzel-Fukuda, M., 311
- Blasquez, C., see Tranchand Bunel, D., 21
- Blum, M., see Fremeau, Jr., R.T., 197
- Blum, M., see Roberts, J.L., 127
- Boyce, S., see Augood, S.J., 85
- Brené, S., Lindefors, N., Kopp, J., Sedvall, G. and Persson, H., Regional distribution of neuropeptide Y mRNA in post-mortem human brain, 241
- Brown, I.R., see Landry, C.F., 251
- Buck, C.R., see Gibbs, R.B., 275
- Buzzi, M.G., see Nishimori, T., 203
- Campbell, A.M., see Kaprielian, Z., 55
- Carter, D.A. and Murphy, D., Diurnal rhythm of vasopressin mRNA species in the rat suprachiasmatic nucleus: independence of neuroendocrine modulation and maintenance in explant culture, 233
- Chao, M.V., see Gibbs, R.B., 275
- Cho, W.K., see Kim, K., 151
- Clarke, C.E., see Augood, S.J., 85
- Conn, P.M., see Rothfeld, J., 121
- Crossman, A.R., see Augood, S.J., 85
- Delbende, C., see Tranchand Bunel, D., 21
- Douglass, J., see Xie, C.W., 11
- Draisci, G. and Iadarola, M.J., Temporal analysis of increases in *c-fos* preprodynorphin and preproenkephalin mRNAs in rat spinal cord, 31
- Duch, D.S., see Frenkel, C., 211
- Dunn, R.J., see Landry, C.F., 251
- Dutlow, C.M., see Roberts, J.L., 127
- Ellis, L., see Ramos, P., 61
- Emson, P.C., see Augood, S.J., 85
- Fairhurst, J.L., see Gubits, R.M., 39
- Fambrough, D.M., see Kaprielian, Z., 55
- Fernyhough, P., Mill, J.F., Roberts, J.L. and Ishii, D.N., Stabilization of tubulin mRNAs by insulin and insulin-like growth factor I during neurite formation, 109
- Fisher, J.M., see Kreiner, T., 135
- Fremeau, Jr., R.T., Autelitano, D.J., Blum, M., Wilcox, J. and Roberts, J.L., Intervening sequence-specific in situ hybridization: detection of the pro-opiomelanocortin gene primary transcript in individual neurons, 197
- Frenkel, C., Duch, D.S., Recio-Pinto, E. and Urban, B.W., Pentobarbital suppresses human brain sodium channels, 211
- Froman, B.E., see Gelinas, R.P., 177
- Gelinas, R.P., Froman, B.E., McElroy, F., Tait, R.C. and Gorin, F.A., Human brain glycogen phosphorylase: characterization of fetal cDNA and genomic sequences, 177
- Gibbs, R.B., McCabe, J.T., Buck, C.R., Chao, M.V. and Pfaff, D.W., Expression of NGF receptor in the rat forebrain detected with in situ hybridization and immunohistochemistry, 275
- Goedert, M., see Spillantini, M.G., 143
- Gonzalez, N.F., Shiraishi, K., Hisanaga, K., Sagar, S.M., Mandabach, M. and Sharp, F.R., Heat shock proteins as markers of neural injury, 93
- Gonzalez, M.F., see Sharp, F.R., 217
- Gorin, F.A., see Gelinas, R.P., 177
- Griffith, J., see Sharp, F.R., 217
- Gubits, R.M., Smith, T.M., Fairhurst, J.L. and Yu, H., Adrenergic receptors mediate changes in *c-fos* mRNA levels in brain, 39
- Hahn, W.E., see Owens, G.P., 101
- Hejtmancik, J.F., see Rothfeld, J., 121
- Henneberry, R., see Thomas, J.W., 47
- Hisanaga, K., see Gonzalez, M.F., 93
- Hong, J.S., see Lee, P.H.K., 263
- Hong, J.S., see Xie, C.W., 11
- Hunt, S.P., see Spillantini, M.G., 143
- Iadarola, M.J., see Draisci, G., 31
- Inagaki, S., Shiosaka, S., Sekitani, M., Noguchi, K., Shimada, S. and Takagi, H., In situ hybridization analysis of the somatostatin-containing neuron system in developing cerebellum of rats, 289
- Ishii, D.N., see Fernyhough, P., 109
- Ivy, G.O., see Landry, C.F., 251
- Jakubowski, M., see Roberts, J.L., 127
- Jégou, S., see Tranchand Bunel, D., 21
- Kaplan, B.B., see Weisberg, E.P., 159
- Kaprielian, Z., Campbell, A.M. and Fambrough, D.M., Identification of a  $\text{Ca}^{2+}$ -ATPase in cerebellar Purkinje cells, 55
- Kikuchi, A., see Kim, S., 167
- Kim, K., Lee, B.J., Park, Y. and Cho, W.K., Progesterone increases messenger ribonucleic acid (mRNA) encoding luteinizing hormone releasing hormone (LHRH) level in the hypothalamus of ovariectomized estradiol-primed prepubertal rats, 151
- Kim, S., Kikuchi, A., Mizoguchi, A. and Takai, Y., Intra-synaptosomal distribution of the *ras*, *rho* and *smg-25A* GTP-binding proteins in bovine brain, 167
- Kopp, J., see Brené, S., 241
- Kreiner, T., Fisher, J.M., Sossin, W. and Scheller, R.H., Large dense cored vesicles are enriched in neuropeptide processing intermediates in the *Aplysia* bag cells, 135
- Kuo, C.-H., Akiyama, M. and Miki, N., Isolation of a novel re-

- tina-specific clone (MEKA cDNA) encoding a photoreceptor soluble protein, 1
- Landry, C.F., Ivy, G.O., Dunn, R.J., Marks, A. and Brown, I.R., Expression of the gene encoding the  $\beta$ -subunit of S-100 protein in the developing rat brain analyzed by *in situ* hybridization, 251
- Lee, B.J., see Kim, K., 151
- Lee, P.H.K., Zhao, D., Xie, C.W., McGinty, J.F., Mitchell, C.L. and Hong, J.S., Changes of proenkephalin and prodynorphin mRNAs and related peptides in rat brain during the development of deep prepyriform cortex kindling, 263
- Lee, P.H.K., see Xie, C.W., 11
- LeRoith, D., see Ota, A., 69
- Li, S.J., see Xie, C.W., 11
- Lindfors, N., see Brené, S., 241
- Mandabach, M., see Gonzalez, M.F., 93
- Marks, A., see Landry, C.F., 251
- Mearow, K.M., Mill, J.F. and Vitkovic, L., The ontogeny and localization of glutamine synthetase gene expression in rat brain, 223
- McCabe, J.T., see Gibbs, R.B., 275
- McElroy, F., see Gelinas, R.P., 177
- McGinty, J.F., see Lee, P.H.K., 263
- Miki, N., see Kuo, C.-H., 1
- Mill, J.F., see Fernyhough, P., 109
- Mill, J.F., see Mearow, K.M., 223
- Millar, R.P., see Roberts, J.L., 127
- Mitchell, C.L., see Lee, P.H.K., 263
- Mitchell, I.J., see Augood, S.J., 85
- Mizoguchi, A., see Kim, S., 167
- Morita, Y., see Noguchi, K., 327
- Moskowitz, M.A., see Nishimori, T., 203
- Murphy, D., see Carter, D.A., 233
- Nishimori, T., Buzzi, M.G., Moskowitz, M.A. and Uhl, G.R., Preproenkephalin mRNA expression in nucleus caudalis neurons is enhanced by trigeminal stimulation, 203
- Noguchi, K., Senba, E., Morita, Y., Sato, M. and Tohyama, M., Prepro-VIP and preprotachykinin mRNAs in the rat dorsal root ganglion cells following peripheral axotomy, 327
- Noguchi, K., see Inagaki, S., 289
- Novelli, A., see Thomas, J.W., 47
- Ota, A., Shen-Orr, Z., Roberts, Jr., C.T. and LeRoith, D., TPA-induced neurite formation in a neuroblastoma cell line (SH-SY5Y) is associated with increased IGF-I receptor mRNA and binding, 69
- Owens, G.P., Sinha, A.K., Sikela, J.M. and Hahn, W.E., Sequence and expression of the murine diazepam binding inhibitor, 101
- Owyang, V., see Xie, C.W., 11
- Park, Y., see Kim, K., 151
- Pepin, M.-C., Beaulieu, S. and Barden, N., Antidepressants regulate glucocorticoid receptor messenger RNA concentrations in primary neuronal cultures, 77
- Persson, H., see Brené, S., 241
- Pfaff, D.W., see Gibbs, R.B., 275
- Pfaff, D.W., see Rothfeld, J., 121
- Pfaff, D.W., see Schwanzel-Fukuda, M., 311
- Ramos, P. and Ellis, L., Expression in heterologous cells of the unusual cytoplasmic domain of rat brain 5B4/NCAM-1d, 61
- Raynaud, B., see Vidal, S., 187
- Recio-Pinto, E., see Frenkel, C., 211
- Roberts, J.R., C.T., see Ota, A., 69
- Roberts, J.L., Dutlow, C.M., Jakubowski, M., Blum, M. and Millar, R.P., Estradiol stimulates preoptic area-anterior hypothalamic proGnRH-GAP gene expression in ovariectomized rat, 127
- Roberts, J.L., see Fernyhough, P., 109
- Roberts, J.L., see Fremeau, Jr., R.T., 197
- Rothfeld, J., Hejtmancik, J.F., Conn, P.M. and Pfaff, D.W., *In situ* hybridization for LHRH mRNA following estrogen treatment, 21
- Sagar, S.M., see Gonzalez, M.F., 93
- Sagar, S.M., see Sharp, F.R., 217
- Sato, M., see Noguchi, K., 327
- Scheller, R.H., see Kreiner, T., 135
- Schwanzel-Fukuda, M., Bick, D. and Pfaff, D.W., Luteinizing hormone-releasing hormone (LHRH)-expressing cells do not migrate normally in an inherited hypogonadal (Kallmann) syndrome, 311
- Sedvall, G., see Brené, S., 241
- Sekitani, M., see Inagaki, S., 289
- Senba, E., see Noguchi, K., 327
- Sharp, F.R., Griffith, J., Gonzalez, M.F. and Sagar, S.M., Trigeminal nerve section induces Fos-like immunoreactivity (FLI) in brainstem and decreases FLI in sensory cortex, 217
- Sharp, F.R., see Gonzalez, M.F., 93
- Shen-Orr, Z., see Ota, A., 69
- Shimada, S., see Inagaki, S., 289
- Shiosaka, S., see Inagaki, S., 289
- Shiraishi, K., see Gonzalez, M.F., 93
- Sikela, J.M., see Owens, G.P., 101
- Simerly, R.B., Hormonal control of the development and regulation of tyrosine hydroxylase expression within a sexually dimorphic population of dopaminergic cells in the hypothalamus, 297
- Sinha, A.K., see Owens, G.P., 101
- Smith, H.H., see Thomas, J.W., 47
- Smith, T.M., see Gubits, R.M., 39
- Sossin, W., see Kreiner, T., 135
- Spillantini, M.G., Hunt, S.P., Ulrich, J. and Goedert, M., Expression and cellular localization of amyloid B-protein precursor transcripts in normal human brain and in Alzheimer's disease, 143
- Stachowiak, M.K., see Weisberg, E.P., 159
- Stricker, E.M., see Weisberg, E.P., 159
- Tait, R.C., see Gelinas, R.P., 177
- Takagi, H., see Inagaki, S., 289
- Takai, Y., see Kim, S., 167
- Takeuchi, K., see Xie, C.W., 11
- Tao-Cheng, J.-H., see Thomas, J.W., 47
- Thomas, J.W., Novelli, A., Tao-Cheng, J.-H., Henneberry, R., Smith, H.H. and Banner, C., Developmental induction of glutaminase in primary cultures of cerebellar granule cells, 47
- Tohyama, M., see Noguchi, K., 327
- Tranchand Bunel, D., Blasquez, C., Delbende, C., Jégou, S. and Vaudry, H., Involvement of voltage-operated calcium channels in  $\alpha$ -melanocyte-stimulating hormone ( $\alpha$ -MSH) release from perfused rat hypothalamic slices, 21

- Uhl, G.R., see Nishimori, T., 203  
Ulrich, J., see Spillantini, M.G., 143  
Urban, B.W., see Frenkel, C., 211
- Vaudry, H., see Tranchand Bunel, D., 21  
Vidal, S., Raynaud, B. and Weber, M.J., The role of  $\text{Ca}^{2+}$  channels of the L-type in neurotransmitter plasticity of cultured sympathetic neurons, 187  
Vitkovic, L., see Mearow, K.M., 223
- Weber, M.J., see Vidal, S., 187  
Weisberg, E.P., Baruchin, A., Stachowiak, M.K., Stricker, E.M., Zigmond, M.J. and Kaplan, B.B., Isolation of a rat adrenal cDNA clone encoding phenylethanolamine *N*-methyltransferase and cold-induced alterations in adrenal PNMT mRNA and protein, 159  
Wilcox, J., see Fremeau, Jr., R.T., 197
- Xie, C.W., Lee, P.H.K., Takeuchi, K., Owyang, V., Li, S.J., Douglass, J. and Hong, J.S., Single or repeated electroconvulsive shocks alter the levels of prodynorphin and proenkephalin mRNAs in rat brain, 11  
Xie, C.W., see Lee, P.H.K., 263
- Yu, H., see Gubits, R.M., 39
- Zhao, D., see Lee, P.H.K., 263  
Zigmond, M.J., see Weisberg, E.P., 159